

<p>Substitute for 1449/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				<b>Complete if Known</b>	
				Application Number	10/663,325
				Filing Date	September 16, 2003
				First Named Inventor	Anindya Dutta
				Art Unit	2146
Examiner Name	Joseph E. Avellino				
Sheet	1	of	6	Attorney Docket Number	**IA-0004

<b>U. S. PATENT DOCUMENTS</b>					
Examiner Initials	Cite No.	Document Number Number – Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Page, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	<b>1</b>	5,933,832	08/03/1999	Suzuoka et al.	
	<b>2</b>	6,023,726	02/08/2000	Saksena	
	<b>3</b>	6,026,413	02/15/2000	Challenger et al.	
	<b>4</b>	6,055,572	04/25/2000	Saksena	
	<b>5</b>	6,067,565	05/23/2000	Horvitz	
	<b>6</b>	6,085,193	07/04/2000	Malkin et al.	
	<b>7</b>	6,085,226	07/04/2000	Horvitz	
	<b>8</b>	6,098,064	08/01/2000	Pirolli et al.	
	<b>9</b>	6,167,438	12/26/2000	Yates et al.	
	<b>10</b>	6,178,461	01/23/2001	Chan et al.	
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<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), Volume-issue Number(s), publisher, city and/or country where published.			
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	19	Latha S. Colby, Timothy Griffin, Leonid Libkin, Inderpal Singh Mumick, Howard Trickey; Algorithms for Deferred View Maintenance, <b>1996 SIGMOD-ACM</b> ; pp. 469-480 (Montreal, Canada)			
	20	Piyush Goel, Bala Iyer, SQL Query Optimization: Reordering for a General Class of Queries, <b>1996 SIGMOD-ACM</b> ; pp. 47-56 (Montreal, Canada)			
	21	Venky Harinarayan, Anand Rajaraman, Jeffrey D. Ullman, Implementing Data Cubes Efficiently, <b>1996 SIGMOD-ACM</b> ; pp. 205-216 (Montreal, Canada)			
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